

## **SHUNT VOLTAGE REGULATOR AND METHOD OF USING**

### **Abstract of the Disclosure**

5     A shunt voltage regulator for a processor is disposed on the processor package. The shunt voltage regulator responds to AC transients. One embodiment includes a DC power converter voltage regulator that is disposed off the processor package, and that is optimized for DC power conversion. Another embodiment includes a method of improving fabrication yield for a packaged processor.